American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

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weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 69 For Week Ended December 16, 1988 NO. 50

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/16/88	Last Week Ending: 12/09/88	Last Year Week Ending: 12/18/87	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,625	13,343	13,264	282	361
Operable capacity	15,922	15,922	15,697	0	225
Percent operated	85.6	83.8	84.5		
Motor Gasoline					
Total motor gasoline production	7,315	7,148	7,102	167	213
Finished leaded motor gasoline production	1,166	1,166	1,589	0	-423
Finished unleaded motor gasoline production	6,149	5,982	5,513	167	636
Total motor gasoline stocks	225,084	222,574	226,662	2,510	-1,578
Finished leaded motor gasoline stocks	39,069	38,449	53,889	620	-14,820
Finished unleaded motor gasoline stocks	147,343	146,226	134,997	1,117	12,346
Jet Fuel Kerosine					
Jet fuel kerosine production	1,258	1,266	1,221	-8	37
Jet fuel kerosine stocks	37,804	38,714	44,027	-910	-6,223
Distillate Fuel Oil					
Distillate fuel oil production	3,079	2,925	3,288	154	-209
Distillate fuel oil stocks	125,989	126,501	128,174	-512	-2,185
Residual Fuel Oil					
Residual fuel oil production	1,068	977	1,058	91	10
Residual fuel oil stocks	44,824	44,577	48,594	247	-3,770
Imports					
Crude oil imports	4,711	6,427	4,502	-1,716	209
Product imports	2,318	3,074	2,158	-756	160
Crude Oil Stocks					
Crude oil stocks	340,144	344,065	360,060	-3,921	-19,916
Crude Supply Balance	495				

*See definitions on page 6

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,438	1,205	1,218	1,380	88.3
Appal. No. 1	110	105	106	107	99.1
DISTRICT 1 TOTAL	1,548	1,310	1,324	1,487	89.0
Ind., Ill., Ky.	2,217	2,017	2,029	2,254	90.0
Minn., Wisc., Daks.	292	287	287	312	92.0
Okla., Kans., Mo.	749	674	682	718	95.0
DISTRICT 2 TOTAL	3,258	2,978	2,998	3,284	91.3
Inland Texas	467	431	433	569	76.1
Texas Gulf Coast	3,254	2,918	2,918	3,580	81.5
La. Gulf Coast	2,667	2,455	2,466	2,908	84.8
N. La. and Ark.	191	179	181	252	71.8
New Mexico	74	71	71	76	93.4
DISTRICT 3 TOTAL	6,653	6,054	6,069	7,385	82.2
DISTRICT 4 TOTAL	454	437	439	535	82.1
DISTRICT 5 TOTAL	2,845	2,787	2,795	3,231	86.5
TOTAL U.S.	14,758	13,566	13,625	15,922	85.6
TOTAL U.S. Weeks Ended:					
DEC. 9, 1988	14,573	13,212	13,343	15,922	83.8
DEC. 18, 1987	14,380	13,129	13,264	15,697	84.5
DISTRICTS 1-4 Weeks Ended:					
DEC. 16, 1988	11,913	10,779	10,830	12,691	85.3
DEC. 9, 1988	11,732	10,497	10,582	12,691	83.4
DEC. 18, 1987	11,800	10,648	10,771	12,438	86.6

API WEEKLY STATISTICAL BULLETIN

Week Ended December 16, 1988

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	624	61	563	20	64	315	140
Appal. No. 1	43	7	36	--	--	34	3
DISTRICT 1 TOTAL	667	68	599	20	64	349	143
Ind., Ill., Ky.	1,204	121	1,083	12	119	486	104
Minn., Wisc., Daks.	146	34	112	--	22	62	8
Okla., Kans., Mo.	406	101	305	13	49	164	16
DISTRICT 2 TOTAL	1,756	256	1,500	25	190	712	128
Inland Texas	303	68	235	27	35	128	18
Texas Gulf Coast	1,764	201	1,563	26	290	670	230
La. Gulf Coast	1,167*	151*	1,016	9	294	574	140
N. La. and Ark.	61	8	53	6	4	57	10
New Mexico	46	16	30	6	1	20	--
DISTRICT 3 TOTAL	3,341*	444*	2,897	74	624	1,449	398
DISTRICT 4 TOTAL	241	79	162	14	25	114	10
DISTRICT 5 TOTAL	1,310	319	991	87	355	455	389
TOTAL U.S.	7,315	1,166	6,149	220	1,258	3,079	1,068
TOTAL U.S. Weeks Ended:							
DEC. 9, 1988	7,148*	1,166*	5,982	172	1,266	2,925	977
DEC. 18, 1987	7,102	1,589	5,513	243	1,221	3,288	1,058
DISTRICTS 1-4 Weeks Ended:							
DEC. 16, 1988	6,005	847	5,158	133	903	2,624	679
DEC. 9, 1988	5,912*	861*	5,051	138	920	2,451	620
DEC. 18, 1987	5,898	1,273	4,625	181	901	2,859	643

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,346	183	3,162	1	118	367	7,109	728	--
Central Atlantic	27,837	3,074	19,956	4,807	636	4,018	31,042	16,304	12,693
Lower Atlantic	29,795	4,887	24,682	226	343	5,275	16,098	2,571	428
DISTRICT 1 TOTAL	60,978	8,144	47,800	5,034	1,097	9,660	54,249	19,603	13,121
DISTRICT 2 TOTAL	60,473*	12,773	40,264*	7,436	859	7,245	29,204	2,878	16,230
DISTRICT 3 TOTAL	65,618	9,766	40,119	15,733	2,049	13,117	27,364	13,684	49,869
DISTRICT 4 TOTAL	7,151	2,084	3,063	2,004	334	738	2,519	649	1,808
DISTRICT 5 TOTAL	30,864	6,302	16,097	8,465	1,951	7,044	12,653	8,010	25,630
TOTAL U.S.	225,084	39,069	147,343	38,672	6,290	37,804	125,989	44,824	106,658
TOTAL U.S. Weeks Ended:									
DEC. 9, 1988	222,574*	38,449	146,226*	37,899	6,173	38,714	126,501	44,577	108,650
DEC. 18, 1987	226,662	53,889	134,997	37,776	6,938	44,027	128,174	48,594	95,962
DISTRICTS 1-4 Weeks Ended:									
DEC. 16, 1988	194,220	32,767	131,246	30,207	4,339	30,760	113,336	36,814	81,028
DEC. 9, 1988	191,953*	32,069	130,394*	29,490	4,543	31,526	113,970	36,012	82,229
DEC. 18, 1987	198,155	46,648	121,678	29,829	5,071	37,342	117,645	39,657	73,480

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.
[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

WEEKLY STATISTICAL BULLETIN
Week Ended December 16, 1988

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1988	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
DEC. 16, 1988	4,856.0	4,967.0	4,482	530	260,033
DEC. 9, 1988	4,856.0	--	6,212	652	261,639
DEC. 2, 1988	4,902.0	--	5,083	721	255,447
NOV. 25, 1988	4,902.0	--	4,695	629	259,178
DISTRICT 5 TOTAL					
DEC. 16, 1988	3,108.0	3,027.0	229	15	80,111 #
DEC. 9, 1988	3,108.0	--	215	14	82,426
DEC. 2, 1988	3,134.0	--	252	16	82,795
NOV. 25, 1988	3,134.0	--	58	15	80,889
TOTAL U.S.					
DEC. 16, 1988	7,964.0	7,994.0	4,711	545	340,144 #
DEC. 9, 1988	7,964.0	--	6,427	666	344,065
DEC. 2, 1988	8,036.0	--	5,335	737	338,242
NOV. 25, 1988	8,036.0	--	4,753	644	340,067
DEC. 18, 1987	8,318.0 a/	--	4,502	655	360,060

#INCLUDES 22,948 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for December 1987.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1987 Averages Absolute	1987 Averages Positive	1987 Averages Negative
DEC. 16, 1988	495	468	550	-334

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
DEC. 16, 1988	16,152	71,115	160,976	11,790	260,033	80,111 #	340,144 #
DEC. 9, 1988	15,940	70,965	162,977	11,757	261,639	82,426	344,065
DEC. 18, 1987	16,687	73,401	171,303	12,800	274,191	85,869	360,060

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	34	--	34	--	--	--	71	169	9	--	--	283
Central Atlantic	223	7	216	24	--	41	222	538	23	213	123	1,407
Lower Atlantic	--	--	--	--	--	--	--	--	--	--	5	5
DISTRICT 1 TOTAL												
DEC. 16, 1988	257	7	250	24	--	41	293	707	32	213	128	1,695
DEC. 9, 1988	465	14	451	109	--	42	553	1,033	77	130	125	2,534
DEC. 2, 1988	490	5	485	21	--	54	335	621	42	145	75	1,783
NOV. 25, 1988	516	--	516	54	--	47	265	574	49	85	17	1,607
DISTRICTS 2-4 TOTAL												
DEC. 16, 1988	6	--	6	6	3	6	8	18	188	168	161	564
DEC. 9, 1988	47	--	47	--	3	7	10	24	164	92	38	385
DEC. 2, 1988	28	--	28	--	3	8	12	26	271	154*	225	727*
NOV. 25, 1988	15	--	15	4	3	8	10	42	207	236	40	565
DISTRICT 5 TOTAL												
DEC. 16, 1988	16	--	16	--	--	11	4	10	18	--	--	59
DEC. 9, 1988	28	--	28	--	--	11	6	14	31	--	65*	155*
DEC. 2, 1988	38	--	38	--	--	13	4	14	13	--	--	82
NOV. 25, 1988	35	--	35	--	--	14	7	9	13	1	--	79
TOTAL U.S.	279	7	272	30	3	58	305	735	238	381	289	2,318
TOTAL U.S. Weeks Ended:												
DEC. 9, 1988	540	14	526	109	3	60	569	1,071	272	222	228*	3,074*
DEC. 2, 1988	556	5	551	21	3	75	351	661	326	299*	300	2,592*
NOV. 25, 1988	566	--	566	58	3	69	282	625	269	322	57	2,251
DEC. 18, 1987	156	17	139	69	3	38	255	837	238	200	362	2,158

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:
New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

REVISIONS

12/02/88	PAGE 5	UNFINISHED OIL	DISTRICTS 2-4 TOTAL	154
			TOTAL U.S.	299
		TOTAL	DISTRICTS 2-4 TOTAL	727
			TOTAL U.S.	2,592
12/09/88	PAGE 2	TOTAL MGAS	LA. GULF COAST	1,148
			DISTRICT 3 TOTAL	3,215
			TOTAL U.S.	7,148
			DISTRICTS 1-4	5,912
		LEADED MGAS	LA. GULF COAST	178
			DISTRICT 3 TOTAL	434
			TOTAL U.S.	1,166
			DISTRICTS 1-4	861
	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	58,738
			TOTAL U.S.	222,574
			DISTRICTS 1-4	191,953
		UNLEADED MGAS	DISTRICT 2 TOTAL	39,530
			TOTAL U.S.	146,226
			DISTRICTS 1-4	130,394
	PAGE 5	OTHER	DISTRICT 5 TOTAL	65
			TOTAL U.S.	228
		TOTAL	DISTRICT 5 TOTAL	155
			TOTAL U.S.	3,074